



#3/Pr AACTG
T. McBeth 4.6-000
11/8/01

IN THE US PATENT AND TRADEMARK OFFICE

RECEIVED

JUN 28 2001

Technology Center 2100

Application Number: 09/839,476
Filing Date: 4/20/2001
5 Applicants: Avery Li-Chun Wang and Julius O. Smith III
Application Title: System and Methods for Recognizing Sound and Music in
High Noise and Distortion
Examiner: not yet assigned
Art Unit: not yet assigned

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231, on

5/10/01
date of deposit

Tianhua Gu
Signature

Tianhua Gu
Name of Person Signing

PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

Kindly amend the above application as follows:

CLAIMS:

Add new claims 107-124 as follows:

107. A method of characterizing an audio sample, comprising computing at least one fingerprint from a spectrogram of said audio sample, wherein said spectrogram comprises an anchor salient point and linked salient points, and wherein said fingerprint is computed from frequency coordinates of said anchor salient point and at least one linked salient point.

108. The method of claim 107, wherein said linked salient points fall within a target zone.

05/16/2001 RHARIS1 00000131 09839476

01 FC:202 80.00 OP
02 FC:203 162.00 OP

09/839,476 (SHZ-101)

Page 1

Preliminary Amendment